

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,850,457 B2
APPLICATION NO. : 10/043682
DATED : February 1, 2005
INVENTOR(S) : Timothy B. Cowles, Michael A. Shore and Patrick J. Mullarkey

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

| <u>Column, Line</u> | <u>Reads</u> | <u>Should Read</u> |
|------------------------------|---|---|
| Item (75), Line 1 | "Timoty B. Cowles," | --Timothy B. Cowles,-- |
| Item (57), Line 19 | "with system adapted" | --with systems adapted-- |
| Column 1, Line 38 | "memory cell in an" | --memory cell in-- |
| Column 1, Line 46 | "or decreased" | --or decrease-- |
| Column 1, Line 56 | "in the art. DRAM memory" | --in the art, DRAM memory-- |
| Column 2, Line 2 | "logic level of can no longer" | --logic level can no longer-- |
| Column 2, Line 5 | "example, as a result" | --example, a result-- |
| Column 2, Line 11 | "provided to redirected" | --provided to redirect-- |
| Column 2, Line 14 | "problems is disclosed" | --problem is disclosed-- |
| Column 2, Line 21 | "complimentary" | --complementary-- |
| Column 2, Line 24 | "to store in" | --to store-- |
| Column 2, Lines 65 and 67 | "DRAM's" | --DRAMs-- |
| Column 3, Line 10 | "command are applied" | --commands are applied-- |
| Column 4, Line 7 | "receiving a time-" | --receiving time- -- |
| Column 4, Line 34 | "applied the" | --applied to the-- |
| Column 4, Line 49 | "RA0 is high," | --RA0 is high,-- |
| Column 5, Line 14 | "for clarity, it will be understood" | --for clarity. It will be understood-- |
| Column 5, Line 20 | "DO" | --D0-- |
| Column 5, Lines 25 and 42 | "complimentary" | --complementary-- |

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| | | |
|---------------------------|----------------------------------|----------------------------------|
| Column 5, Line 37 | "then energized" | --then energizes-- |
| Column 6, Line 35 | "DO" | --D0-- |
| Column 6, Lines 43 and 65 | "complimentary" | --complementary-- |
| Column 7, Lines 3 and 7-8 | "complimentary" | --complementary-- |
| Column 7, Line 5 | "DO and its compliment DO**" | --D0 and its complement D0*-- |
| Column 7, Lines 22 and 24 | "VT" | --V _T -- |
| Column 7, Lines 35 and 48 | "compliment" | --complement-- |
| Column 7, Line 39 | "only one digit lines" | --only one digit line-- |
| Column 7, Lines 57-58 | "each Memory Address" | --each memory address-- |
| Column 8, Line 5 | "one of the row address" | --one of the row addresses-- |
| Column 8, Lines 38 and 52 | "complimentary" | --complementary-- |
| Column 8, Line 55 | "is operates in" | --operates in-- |
| Column 9, Line 21 | "is increment" | --is incremented-- |
| Column 9, Line 47 | "one-eight" | --one-eighth-- |
| Column 10, Line 50 | "compliment" | --complement-- |
| Column 10, Line 53 | "thereby applying causing an" | --thereby causing an-- |
| Column 10, Line 62 | "in the fill density mode," | in the full density mode,-- |
| Column 11, Line 6 | "thereby closing" | --thereby causing-- |
| Column 11, Line 31 | "one of the row address" | --one of the row addresses-- |
| Column 11, Line 37 | "address bids" | --address bits-- |

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| | | |
|-----------------------------------|-------------------|------------------|
| Column 11, Line 61 | "showed" | --shown-- |
| Column 12, Lines 11, 14 and 18 | "is coupled" | --are coupled-- |
| Column 12, Line 49 | "specific column" | --specific row-- |

Signed and Sealed this

Sixteenth Day of January, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office